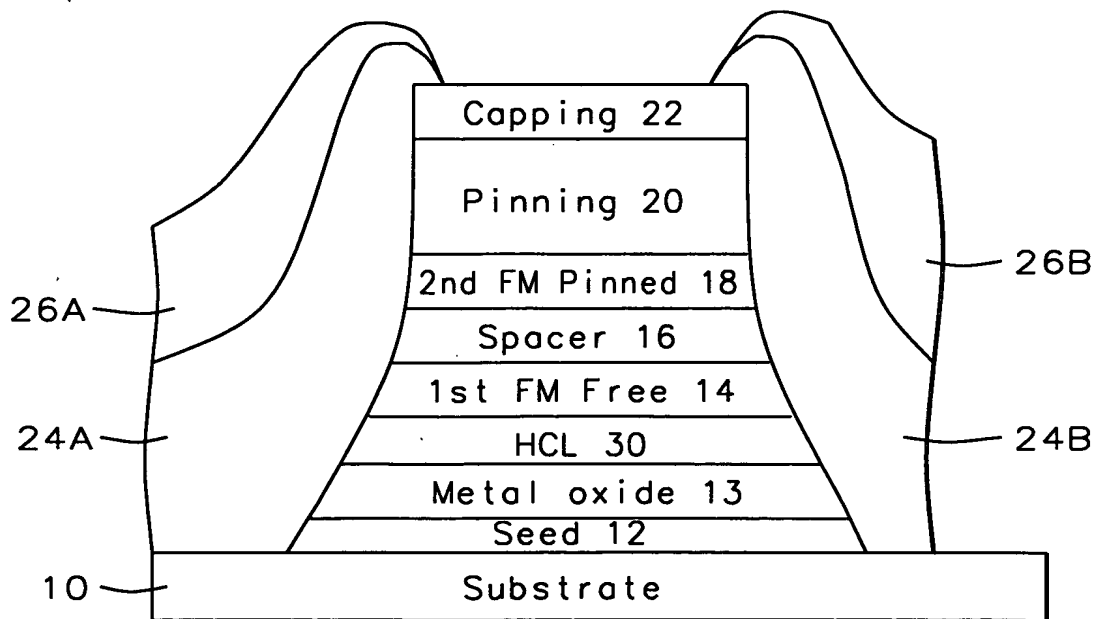
*FIG. 1**FIG. 2*

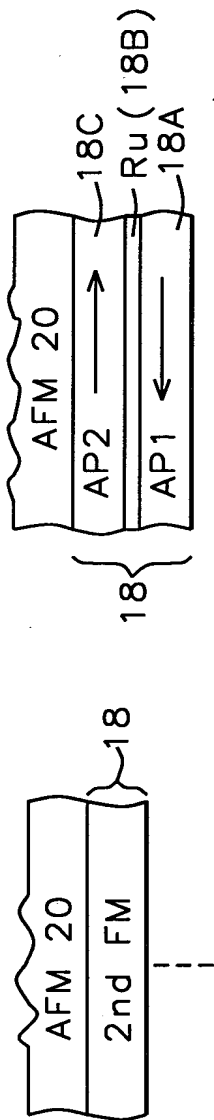


FIG. 3A

Simulated results of spin filter SV:
50Ta/HCL/CuFe10/Cu25/CoFe20/IrMn50/Ta50

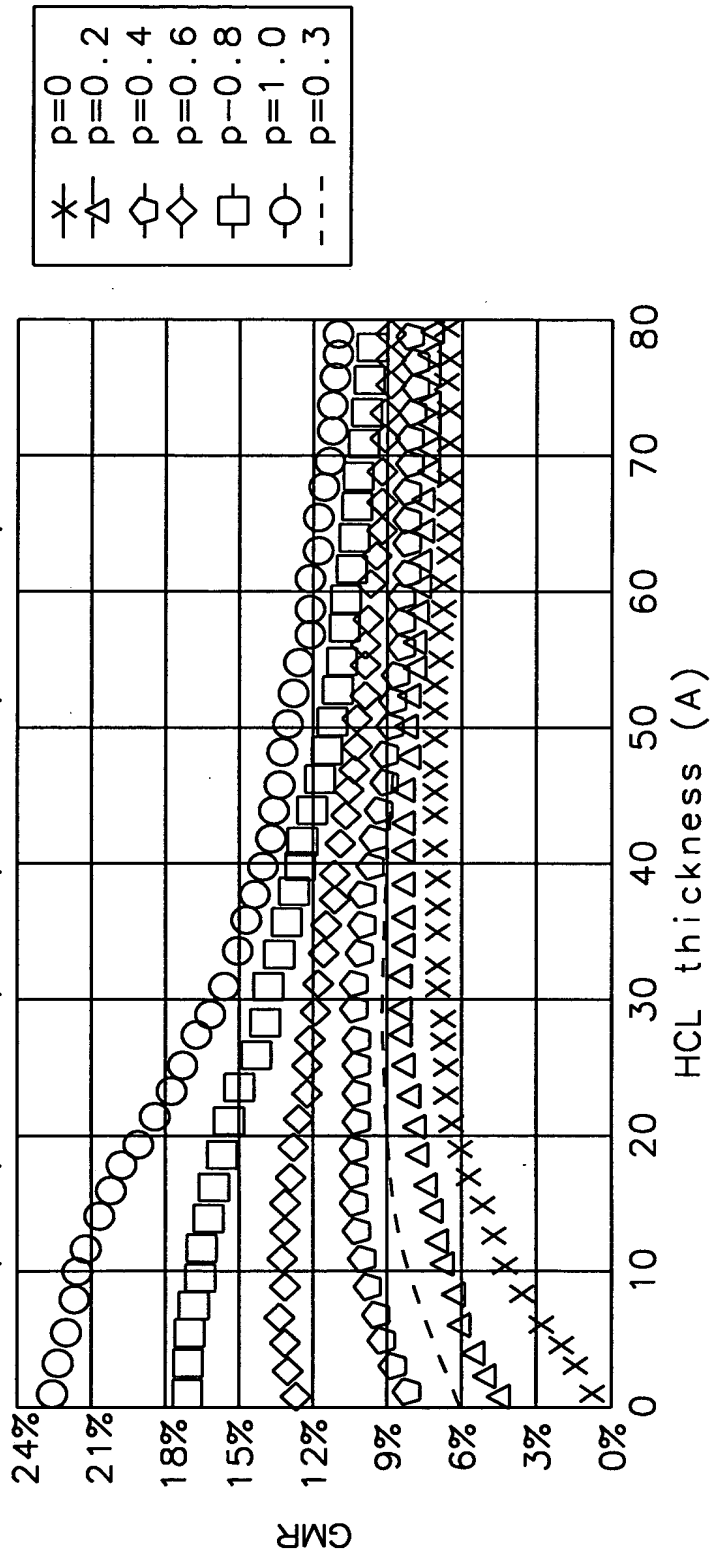


FIG. 4